

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038188.D
 Acq On : 28 Nov 2018 6:09
 Operator : JU/SJ
 Sample : J6028-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Nov 28 06:49:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

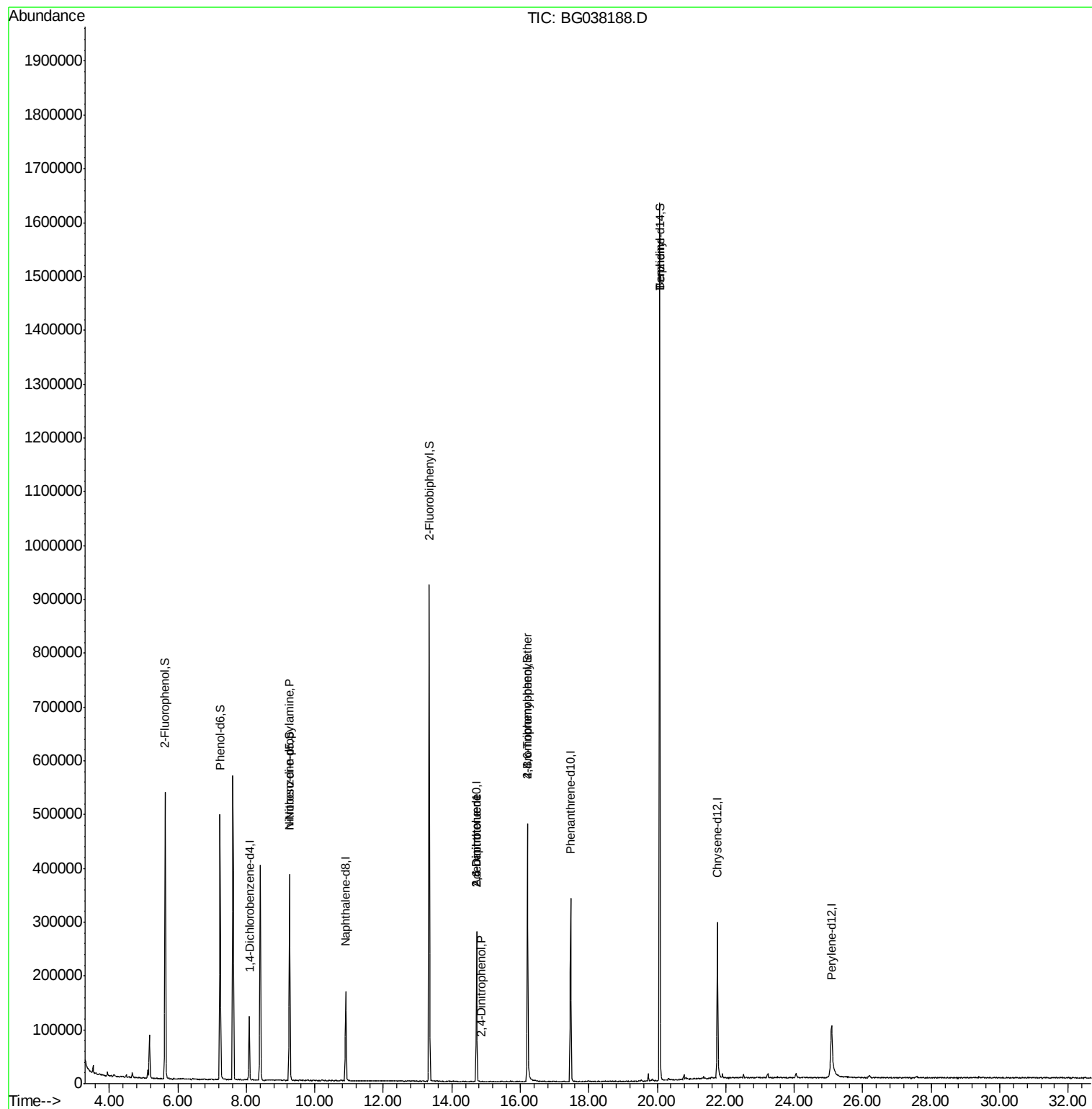
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	34551	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	149164	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95170	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	217583	20.00	ng	0.00
76) Chrysene-d12	21.75	240	197388	20.00	ng	0.00
87) Perylene-d12	25.09	264	165152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	239247	119.56	ng	0.00
7) Phenol-d6	7.24	99	300434	105.18	ng	0.00
23) Nitrobenzene-d5	9.26	82	240172	86.19	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	94670	87.22	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	495346	75.83	ng	0.00
79) Terphenyl-d14	20.07	244	818450	97.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	30372	14.694	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	11983	7.017	ng	# 25
54) 2,4-Dinitrophenol	14.86	184	55	9.337	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	11983	5.158	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	6745	2.824	ng	# 1
77) Benzidine	20.07	184	13854	2.000	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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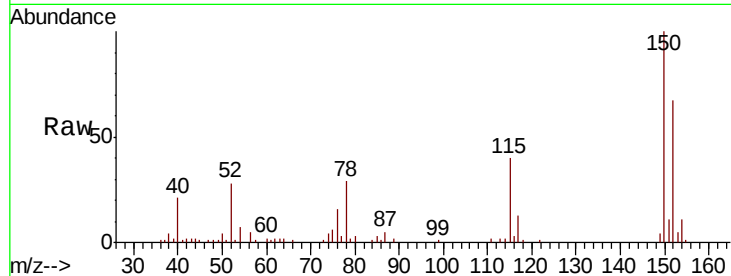




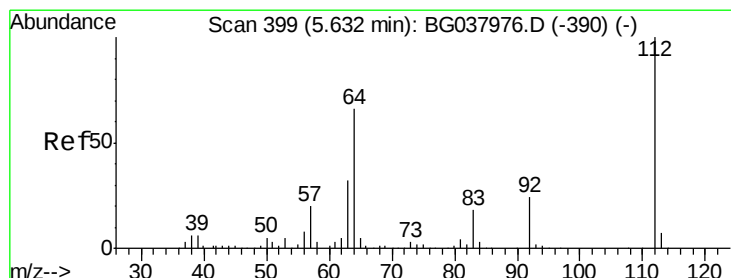
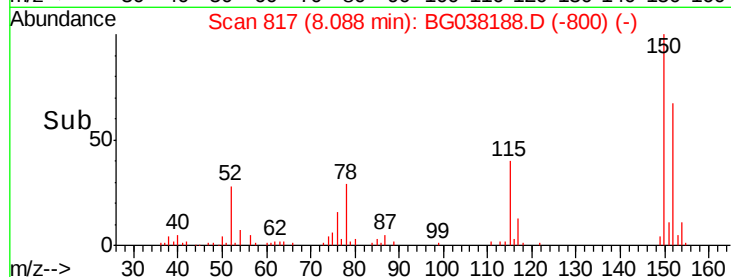
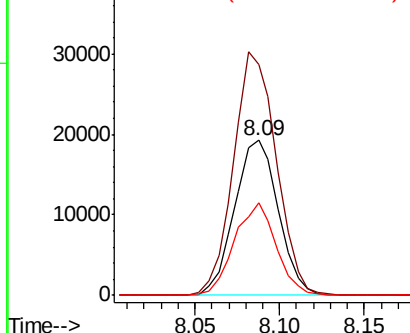
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:152 Resp: 34551
 Ion Ratio Lower Upper
 152 100
 150 149.3 126.0 189.0
 115 59.8 45.5 68.3

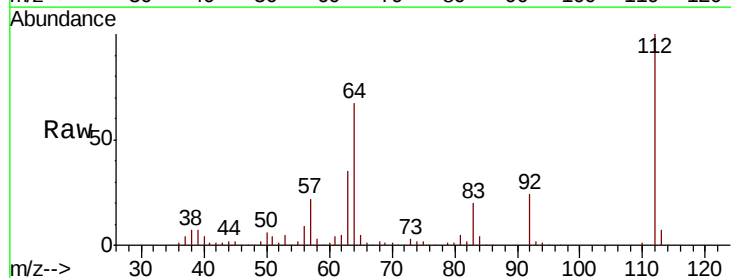


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

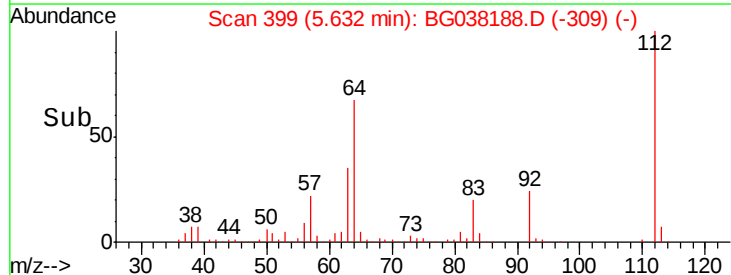
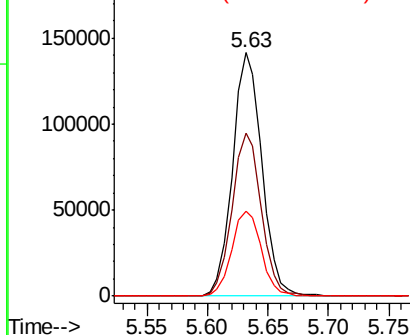


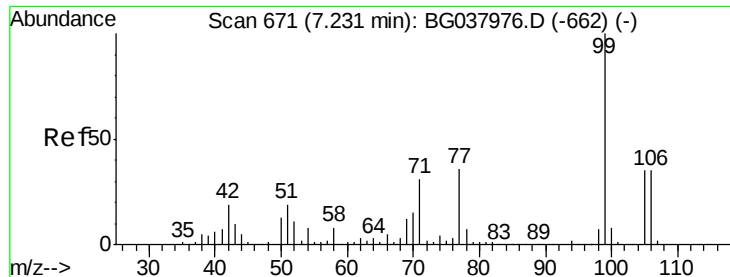
#5
 2-Fluorophenol
 Concen: 119.555 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

Tgt Ion:112 Resp: 239247
 Ion Ratio Lower Upper
 112 100
 64 66.8 53.1 79.7
 63 35.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.175 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

Instrument :

BNA_G

ClientSampleId :

COMP-2

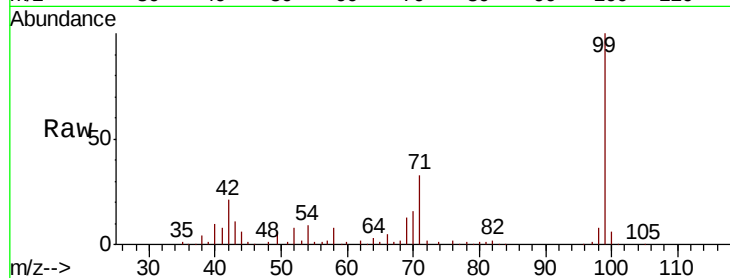
Tgt Ion: 99 Resp: 300434

Ion Ratio Lower Upper

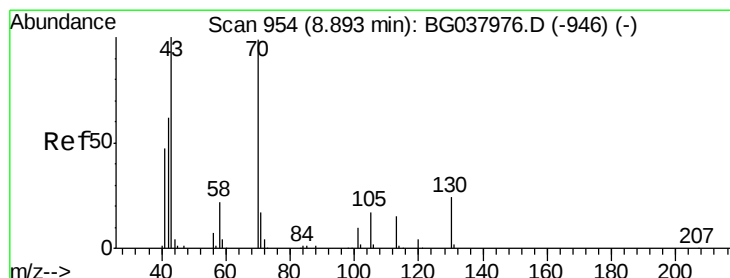
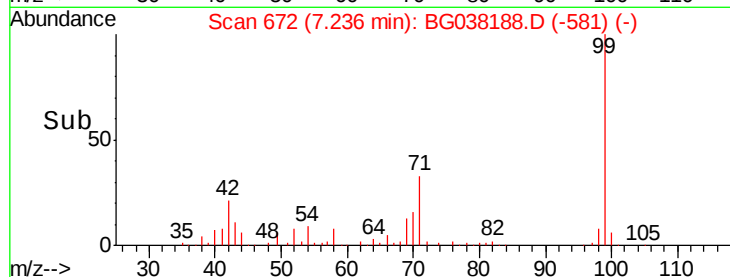
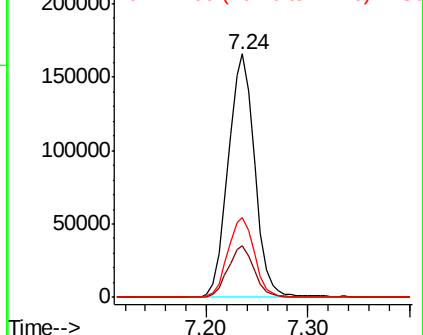
99 100

42 21.0 15.0 22.4

71 32.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.694 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

Tgt Ion: 70 Resp: 30372

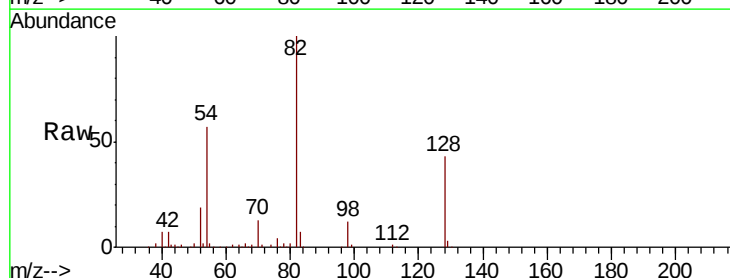
Ion Ratio Lower Upper

70 100

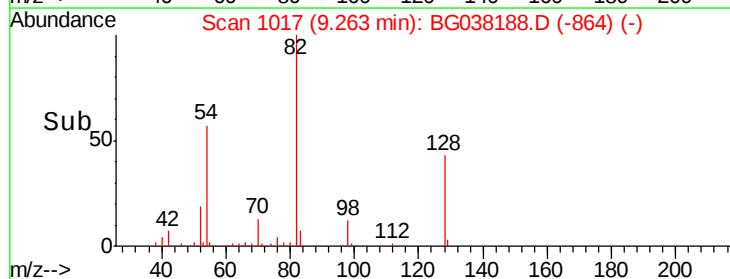
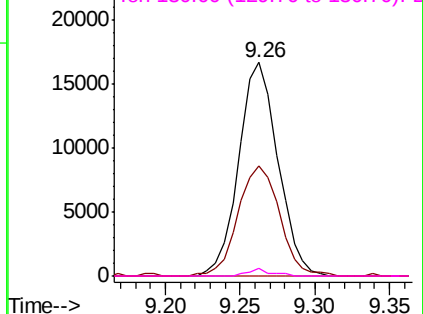
42 51.3 53.9 80.9#

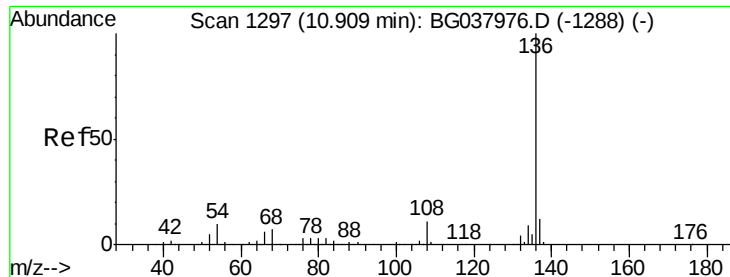
101 0.0 8.2 12.2#

130 3.8 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

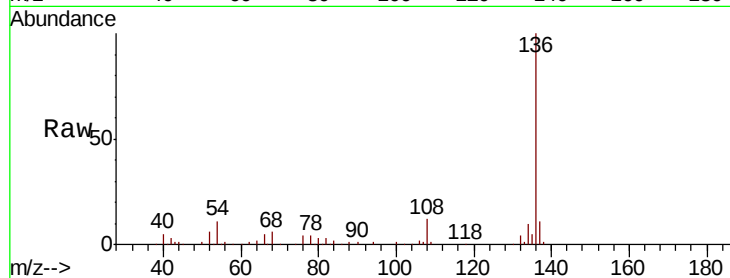




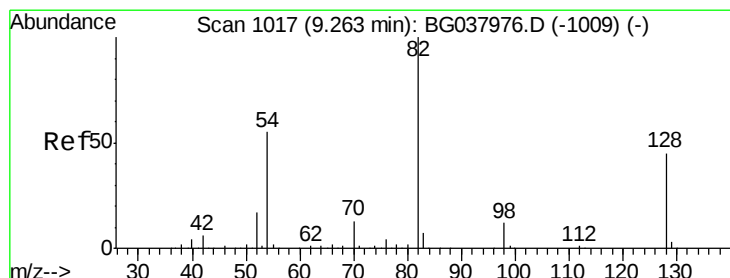
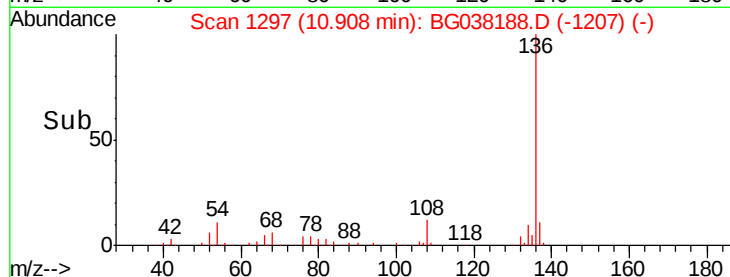
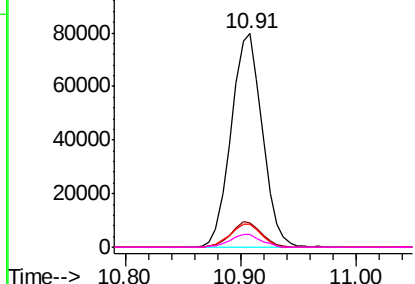
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:	136	Resp:	149164
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.9	7.9	11.9
68	5.9	4.8	7.2

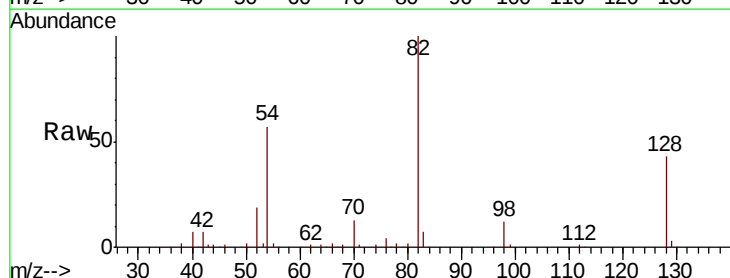


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

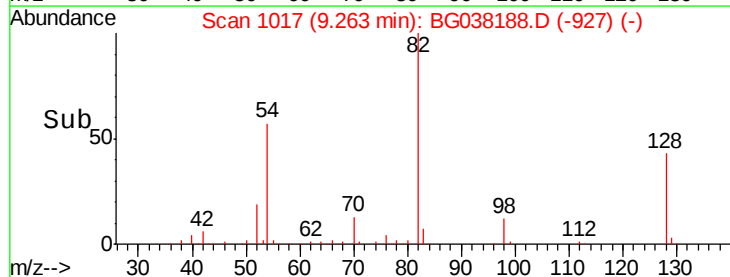
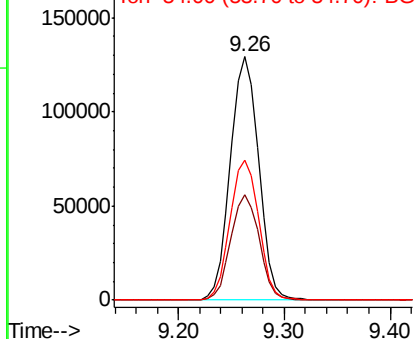


#23
Nitrobenzene-d5
Concen: 86.190 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Tgt Ion:	82	Resp:	240172
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	57.4	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

Instrument :

BNA_G

ClientSampleId :

COMP-2

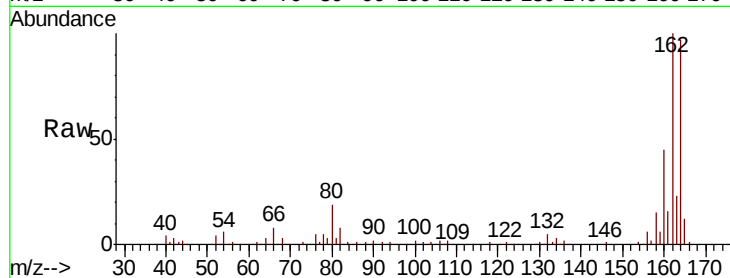
Tgt Ion:164 Resp: 95170

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

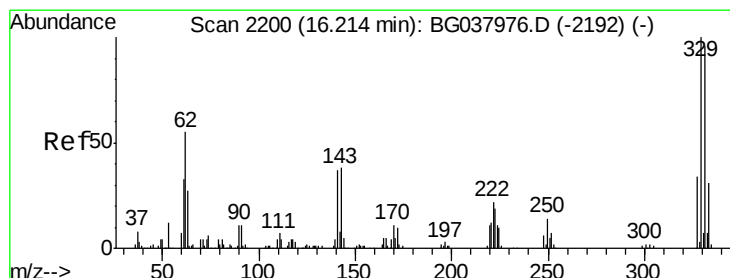
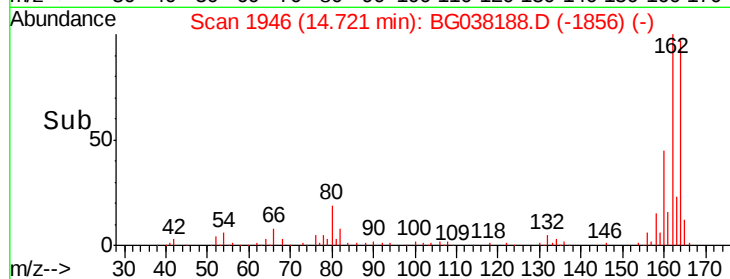
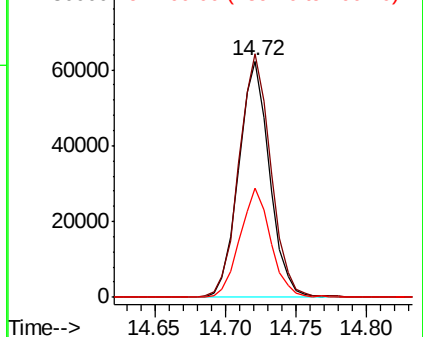
160 46.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 87.222 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

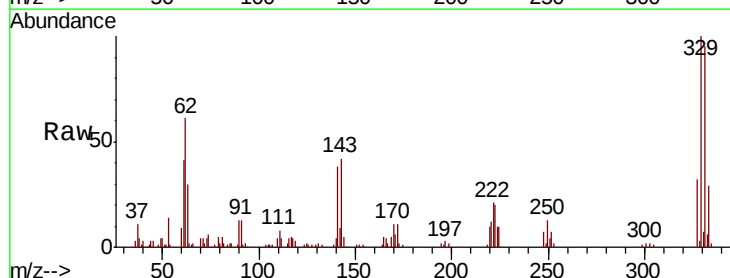
Tgt Ion:330 Resp: 94670

Ion Ratio Lower Upper

330 100

332 98.4 78.4 117.6

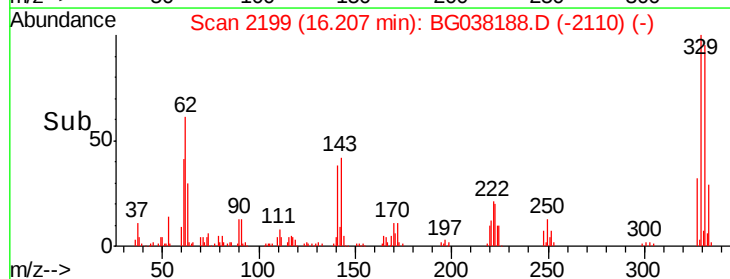
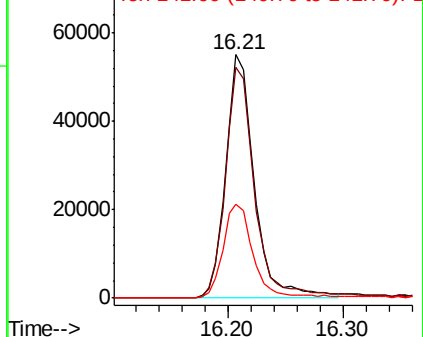
141 40.7 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

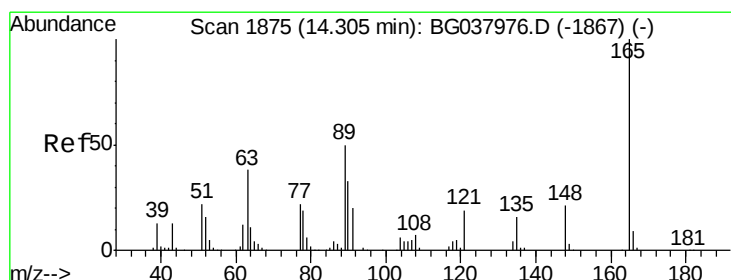
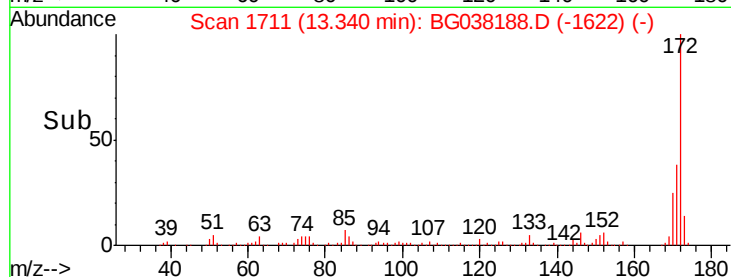
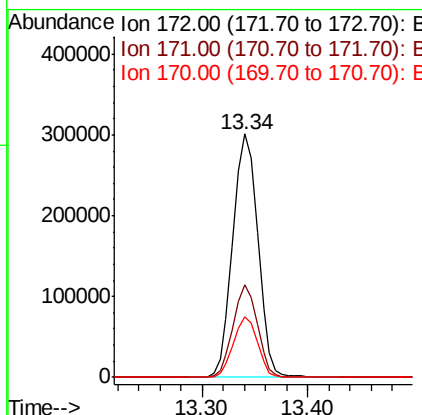
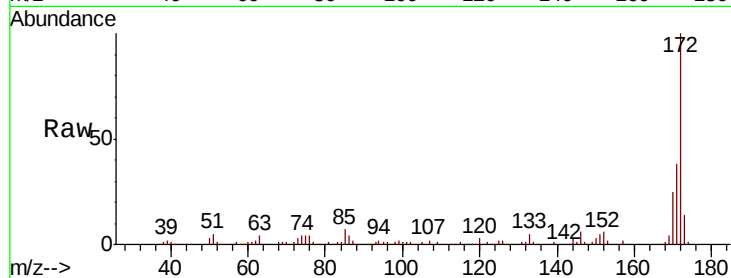




#45
 2-Fluorobiphenyl
 Concen: 75.827 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

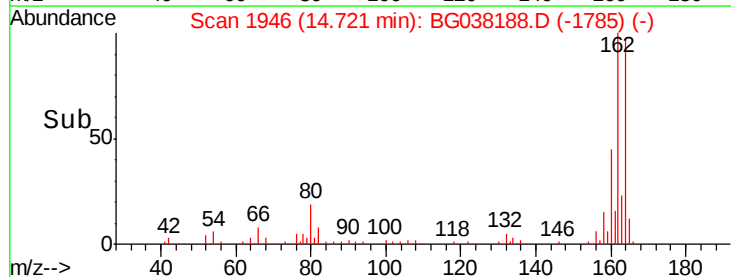
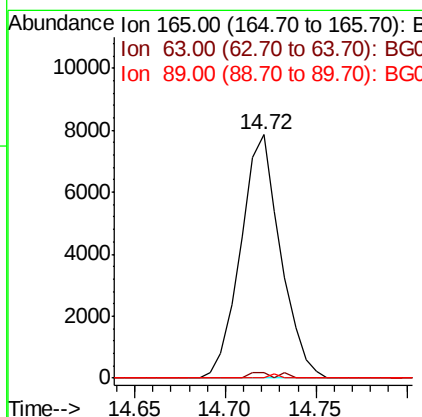
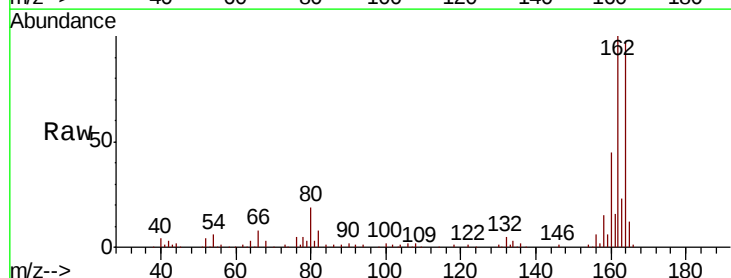
Instrument :
 BNA_G
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 COMP-2

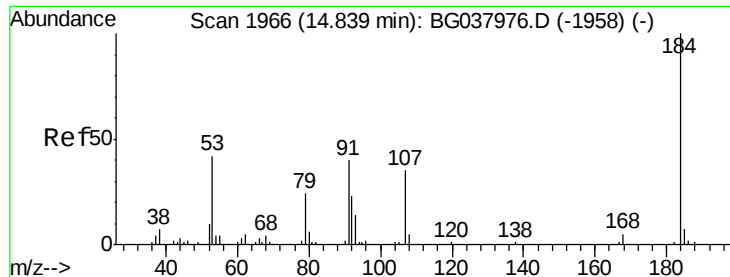
Tgt Ion:172 Resp: 495346
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.017 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

Tgt Ion:165 Resp: 11983
 Ion Ratio Lower Upper
 165 100
 63 2.4 43.4 65.2#
 89 0.0 45.8 68.6#

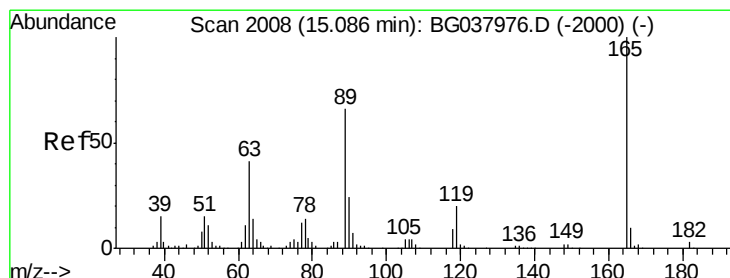
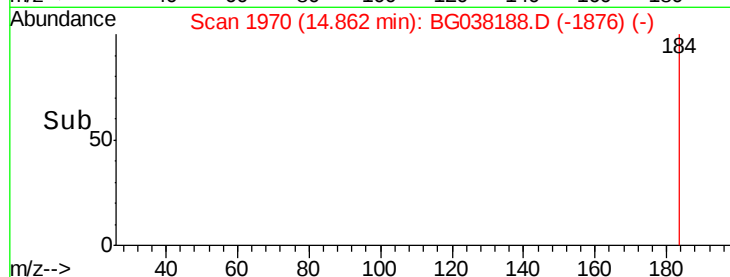
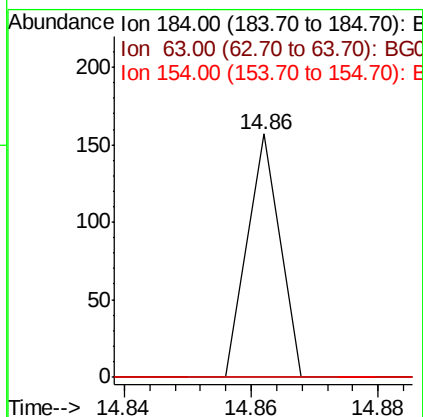
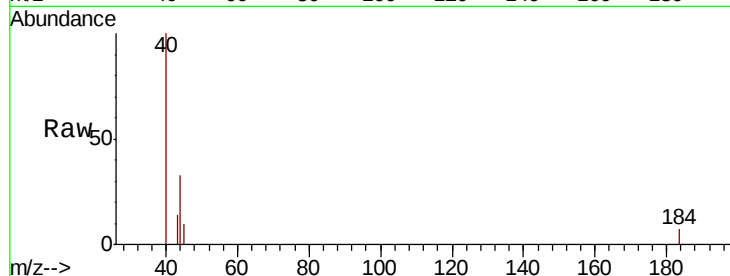




#54
 2,4-Dinitrophenol
 Concen: 9.337 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.02 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

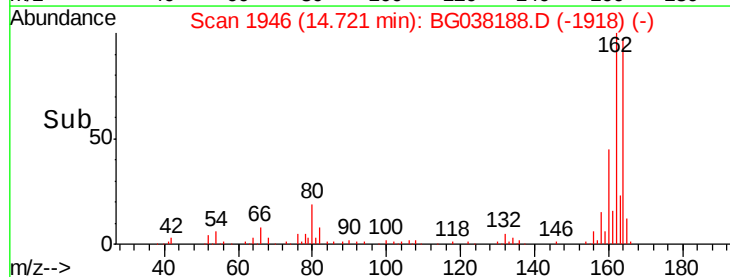
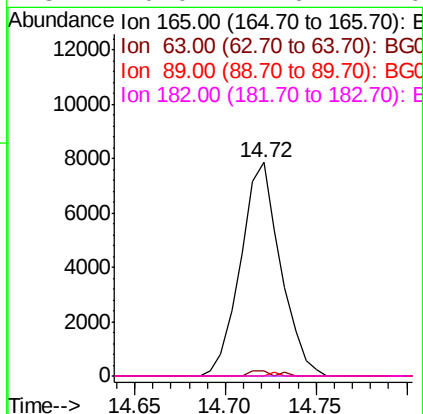
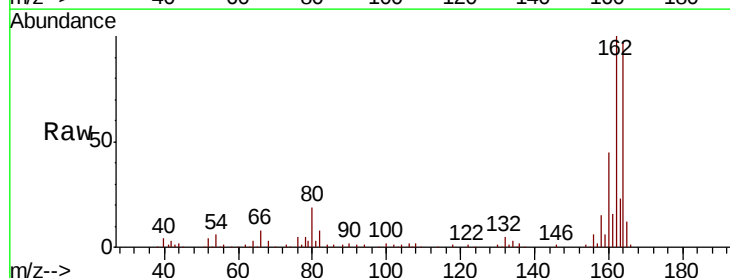
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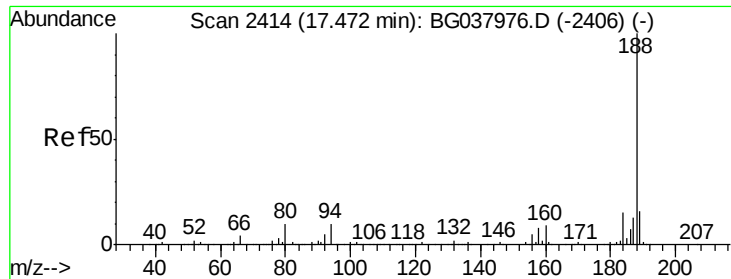
Tgt Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.6 63.8#
 154 0.0 41.8 62.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.158 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038188.D
 Acq: 28 Nov 2018 6:09

Tgt Ion:165 Resp: 11983
 Ion Ratio Lower Upper
 165 100
 63 2.4 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#

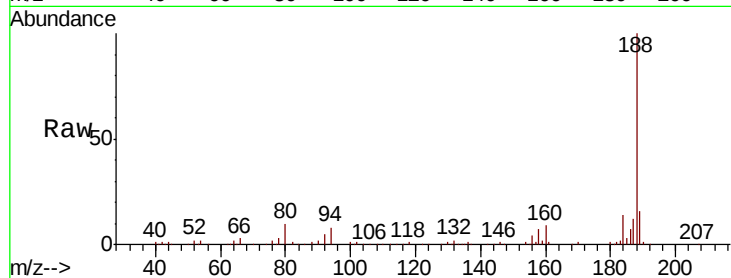




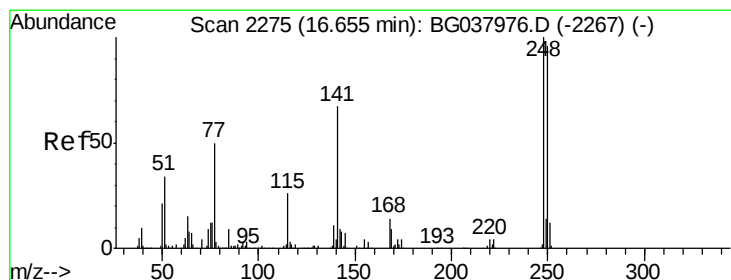
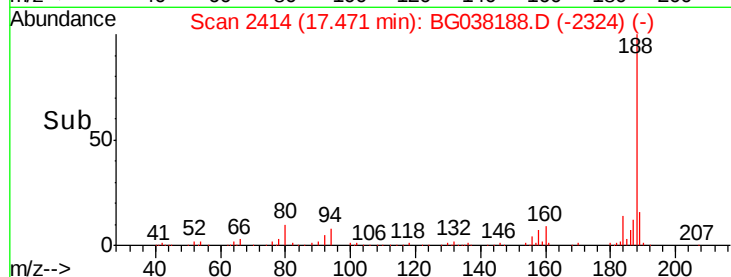
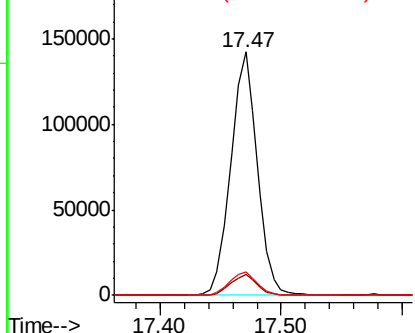
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 217583
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.9 7.7 11.5

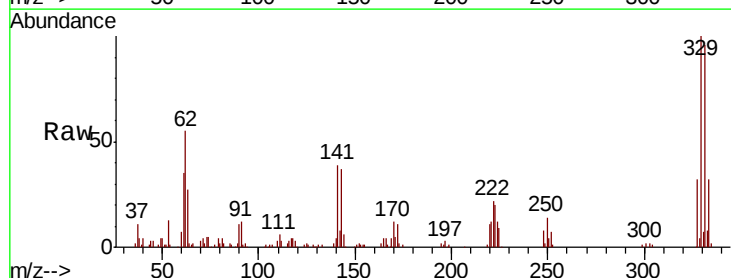


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

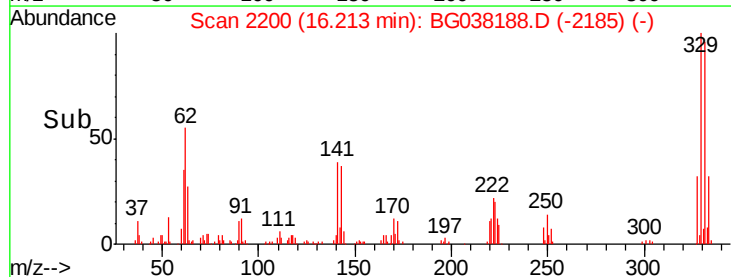
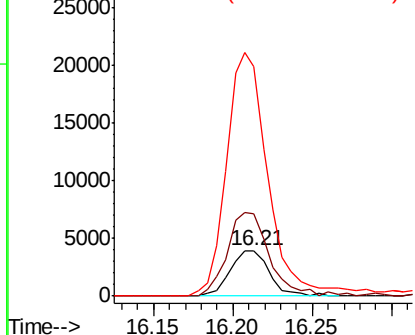


#67
4-Bromophenyl-phenylether
Concen: 2.824 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.44 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Tgt Ion:248 Resp: 6745
Ion Ratio Lower Upper
248 100
250 179.1 77.0 115.6#
141 397.6 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

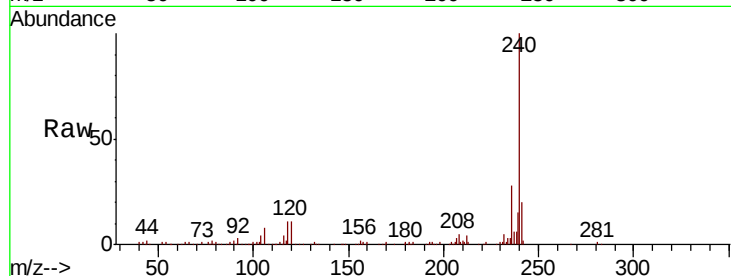




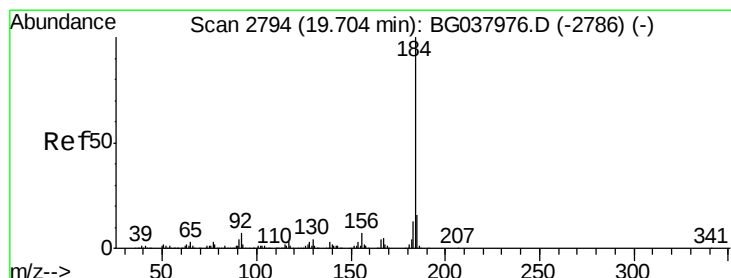
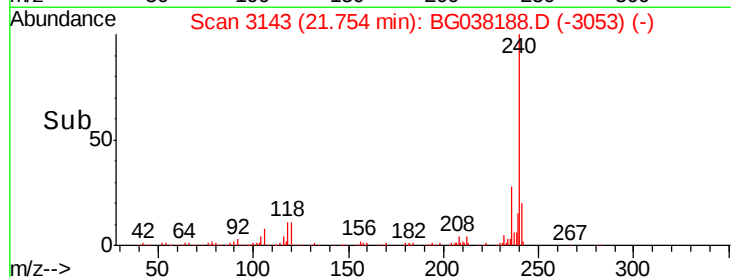
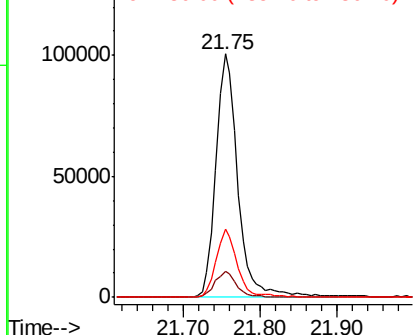
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:240 Resp: 197388
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.9 21.4 32.0

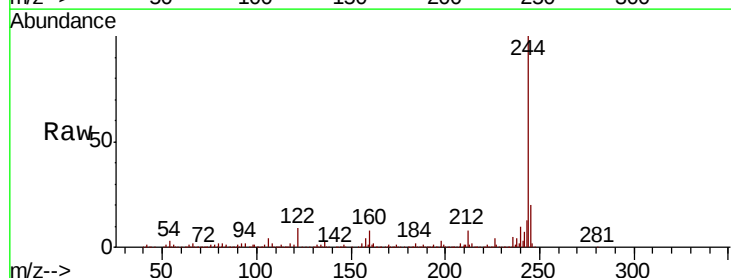


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

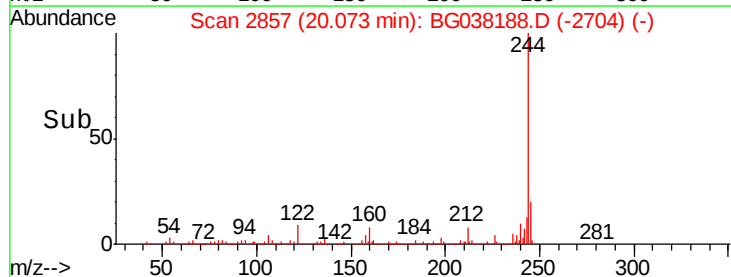
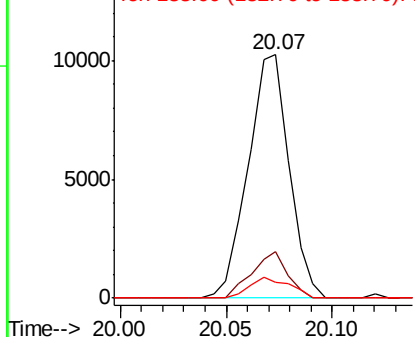


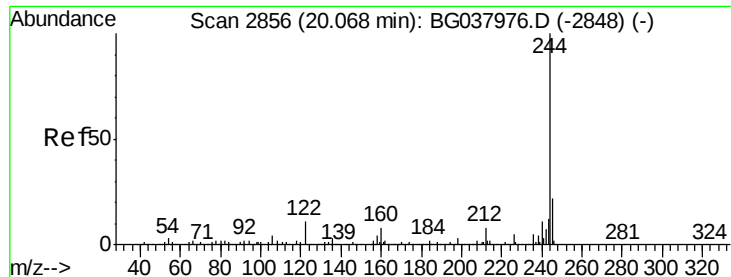
#77
Benzidine
Concen: 2.000 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.37 min
Lab File: BG038188.D
Acq: 28 Nov 2018 6:09

Tgt Ion:184 Resp: 13854
Ion Ratio Lower Upper
184 100
185 18.9 12.6 18.8#
183 6.4 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 97.565 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

Instrument :

BNA_G

ClientSampleId :

COMP-2

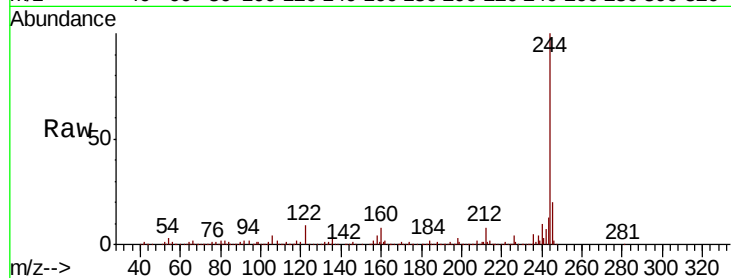
Tgt Ion:244 Resp: 818450

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

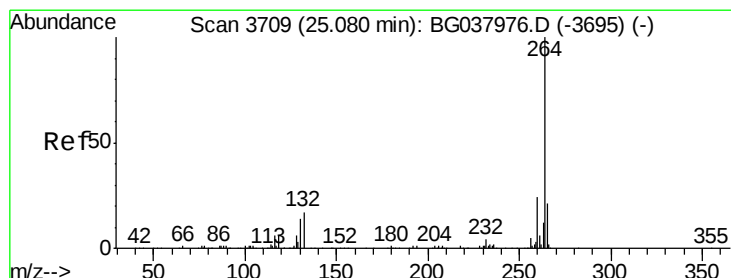
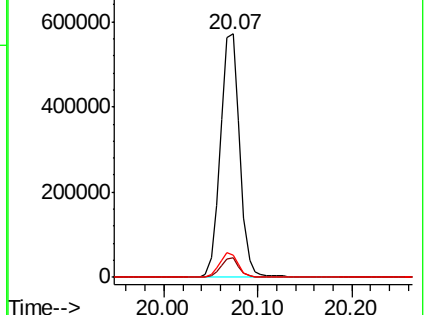
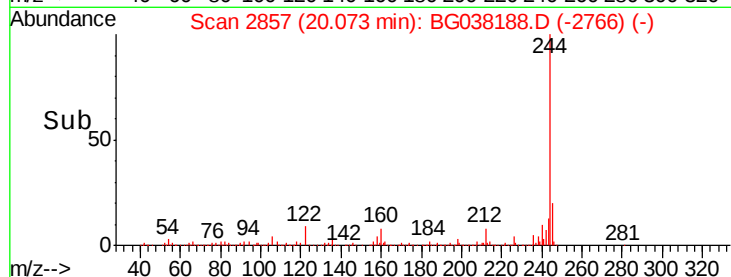
122 9.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG038188.D

Acq: 28 Nov 2018 6:09

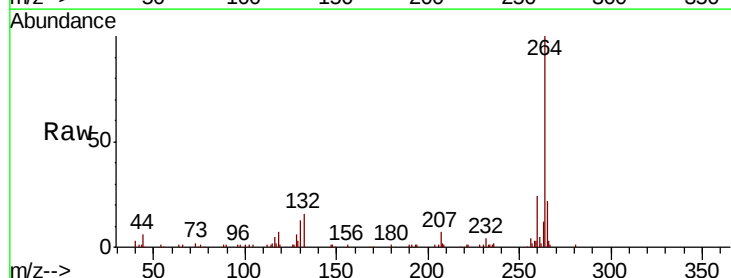
Tgt Ion:264 Resp: 165152

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 22.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

